

4  
cont'd

Fru	= fructosyl;
Fuc	= fucosyl;
Gal	= galactosyl;
GalNAc	= N-acetylgalactosaminyl;
Glc	= glucosyl;
GlcNAc	= N-acetylglucosaminyl;
Man	= mannosyl; and
NeuAc	= sialyl (typically N-acetylneuraminyl).

IN THE CLAIMS:

Please amend claims 1, 23, and 32 as follows:

45

1                    1. (Amended) A commercial-scale production method of sialylating a  
2    saccharide group on a recombinant glycoprotein, the method comprising contacting a  
3    saccharide group which comprises a galactose or N-acetylgalactosamine acceptor moiety  
4    on a recombinant glycoprotein with a sialic acid donor moiety and a recombinant ST3  
5    Gal III sialyltransferase in a reaction mixture which provides reactants required for  
6    sialyltransferase activity for a sufficient time and under appropriate conditions to transfer  
7    sialic acid from said sialic acid donor moiety to said saccharide group.

46

1                    23. (Amended) A commercial-scale production method of sialylating a  
2    saccharide group on a recombinant glycoprotein, the method comprising contacting a  
3    saccharide group which comprises a galactose or an N-acetylgalactosamine acceptor  
4    moiety on a recombinant glycoprotein with a sialic acid donor moiety and a bacterial ST3  
5    Gal III sialyltransferase in a reaction mixture which provides reactants required for  
6    sialyltransferase activity for a sufficient time and under appropriate conditions to transfer  
7    sialic acid from said sialic acid donor moiety to said saccharide group.

47

1                    32. (Amended) A commercial-scale production method for *in vitro*  
2    sialylation of saccharide groups on a glycoprotein, said method comprising contacting